

# L303EX-C-H20-300

Explosion proof marine lantern (10Nm)

**Explosion proof marine lantern, designed to provide 10 nautical miles white omni-directional visual coverage. For offshore structures and for connection to the Orga Navaid's Central Control panel (NCCP) concept.**



## Key features

- Reliable marine navigation light, low cost of ownership and low power consumption
- Suitable for Zone 1 and Zone 2 areas with gas explosion hazard
- Designed to work in conjunction with Navaid Central Control Panel (NCCP) concept
- 'U'-coded power supply from Navaid Central Control Panel (NCCP) for low cable costs and failure free synchronisation
- Light weight, strong and corrosion free body
- Anti bird spike (to prevent bird fouling)
- Automatic Lamp changer with 6 lamps (1 in service, 5 in reserve) for 18,000 hours service interval, stops after last lamp used
- Non metallic UV and humidity resistant base, including quick release clamps for easy maintenance
- Injection moulded UV resistant lens

## Standards/Certification

- Complies with IALA regulation; O-139 The marking of man-made offshore structures – Dec. 2008, chapter 2.1.2 – Marine lantern
- Complies with UK Department for Transport; Standard marking schedule for offshore installations – Dec. 1994, chapter 3.1 – Secondary marine lantern
- Complies with Mining regulations of the Netherlands – Dec. 2002, Article 5.3 - Marine lantern
- Complies with US Coast Guard; 33 C.F.R. Part 67 – Aids to navigation on artificial islands and fixed structures
- Cenelec EN 50014, EN 50018, EN 50019, EN 50028 and EN 50281-1-1
- KEMA 02ATEX2050; ATEX Ⓜ II 2G EEx edm IIB T3

## Performance characteristics

- Flashing clear light, Morse code 'U' every 15 seconds by Navaid Central Control Panel (NCCP)
- Alternative codes available; USCG quick flash (60 flashes per minute)
- Effective intensity: 1,400cd minimum (equals 10NM at ATF=0.74)
- Horizontal beam coverage: 360°
- Vertical beam profile: 2.5° minimum
- 300mm diameter high efficiency clear 'Fresnel' lens

## Electrical characteristics

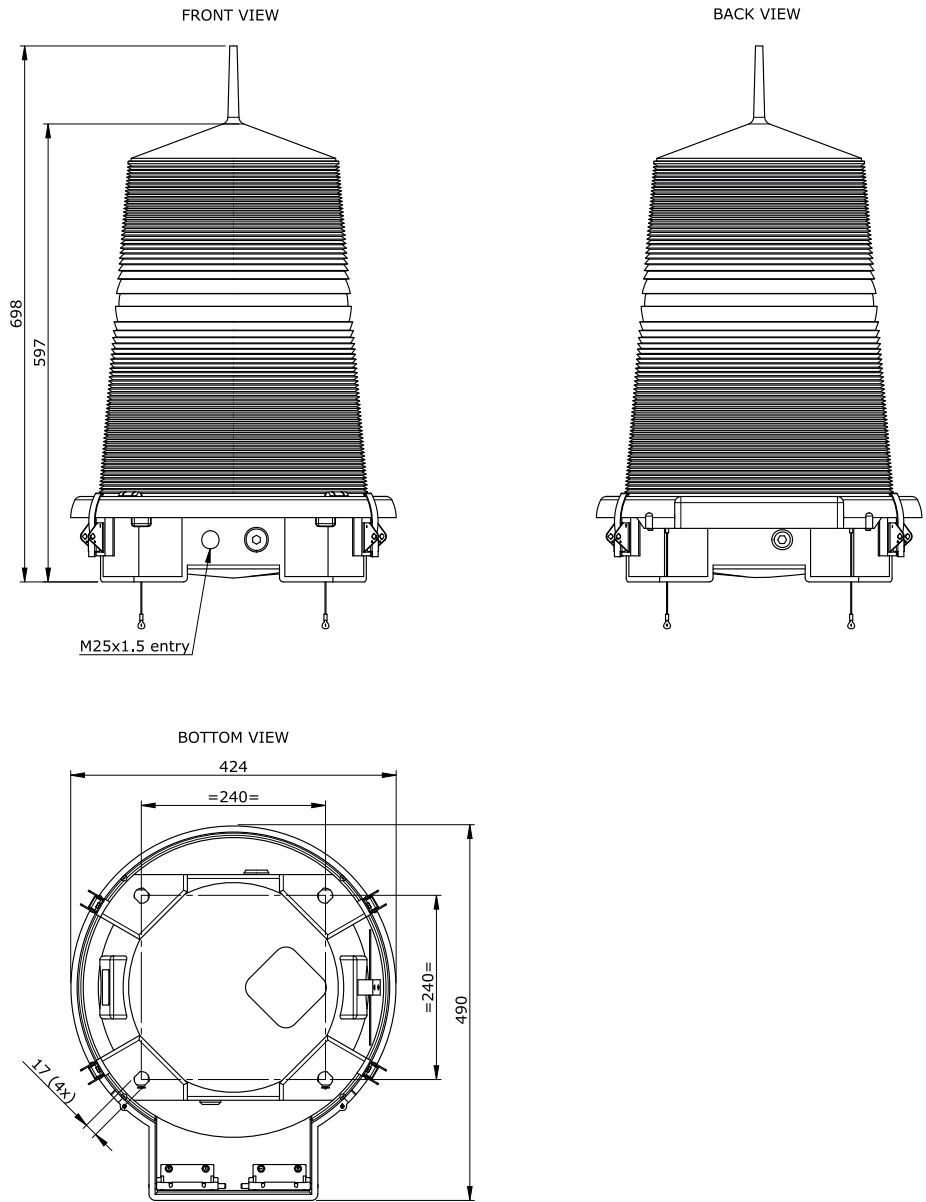
- Operating voltage: 230Vac; 400Hz; 'U' coded supply from Navaid Central Control Panel (NCCP)
- Power consumption: 39W / 39VA peak
- Connection details: max. 4mm<sup>2</sup>; two M25x1.5 cable gland entries
- Earth connection: internal M5
- Lamps: 12V/3.00A/CC8/EX

## Physical characteristics

- Dimensions (L x W x H): 490 x 424 x 698mm
- Weight: 12kg
- Degree of protection: IP66
- Operating temperature range: -40Å°C to +40Å°C

# L303EX-C-H20-300

Explosion proof marine lantern (10Nm)



Orga BV  
Strickledeweg 13  
3125 AT SCHIEDAM  
The Netherlands

P.O. Box 3046  
3101 EA SCHIEDAM  
The Netherlands

T +31 (0)10 208 5555  
F +31 (0)10 437 8445  
info@orga.nl  
www.orga.nl